

## ABSTRACT

Disclosed is a register adjusting mechanism for a split plate cylinder, which comprises first and second axial register adjustment means C, D operable to axially move an operation-side plate cylinder 2 and a drive-side plate cylinder 1, respectively, so as to adjust an axial register thereof independently, and first and second circumferential register adjustment means A, B operable to circumferentially rotate the drive-side plate cylinder and the operation-side plate cylinder, respectively, so as to adjust a circumferential register thereof independently. The first and second axial register adjustment means C, D for the operation-side plate cylinder 2 and the drive-side plate cylinder 1 are disposed adjacent and connected to a journal 2b of the operation-side plate cylinder 2 and a journal 1c of the drive-side plate cylinder 1, respectively. At least one of the first and second circumferential register adjustment means A, B for the drive-side plate cylinder 1 and the operation-side plate cylinder 2 is disposed adjacent and connected to a journal 3b of a blanket cylinder 3. The register adjusting mechanism of the present invention makes it possible to prevent each of axial register adjustment means and circumferential register adjustment means from largely protruding from the split plate cylinder in an axial direction thereof so as to facilitate an assembling and maintenance operations of the split plate cylinder.